



## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in this Submission

13

Application Number

09/932,850

Filing Date

August 17, 2001

First Named Inventor

Hongbiao Zhang

Group Art Unit

2633

Examiner Name

Agustin Bello

Attorney Docket Number

BCS03672

### ENCLOSURES

(check all that apply)

☒ Fee Transmittal Form

☐ Fee Attached

☐ Amendment/Reply

☐ After Final

☐ Affidavits/Declaration(s)

☒ Extension of time Request

☐ Express Abandonment Request

☐ Information Disclosure Statement

☐ Certified Copy of Priority Documents

☒ Response to Non-Final Office Action  
Incomplete Application

☐ Response to Missing Parts  
Under 37 CFR 1.52 or 1.53

☐ Assignment Papers  
(for an Application)

☐ Drawing(s)

☐ Licensing-Related papers

☐ Petition

☐ Petition to Convert to a  
Provisional Application

☐ Power of Attorney, Revocation,  
Change of Correspondence  
Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CDs

Remarks

☐ After Allowance

Communication to Group

☐ Appeal Communication to Board  
of Appeals and Interferences

☐ Appeal Communication to Group  
(Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter with appropriate copies

☐ Other Enclosure(s) (please identify below)

☐ Response to Restriction Requirement

☐ Associate Power of Attorney

☐ RCE

☐ Copy of Notice to File Missing Parts

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or  
Individual

Robert P. Marley

Registration No.

32,914

Signature

Date

February 15, 2005

### CERTIFICATE OF TRANSMITTAL/MAILING

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Carol J. Smith

Signature

Date

February 15, 2005



Docket No.: BCS03672

UNITED STATES PATENT AND TRADEMARK OFFICE

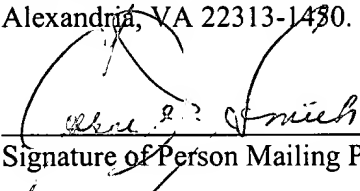
APPLICANT(S)    Hongbiao Zhang                      GROUP ART UNIT:    2633  
                     Frank J. Effenberger  
                     Kyoo J. Lee  
APPLN. NO.:    09/932,850                      EXAMINER:    Agustin Bello  
FILED:           August 17, 2001  
TITLE:           METHOD AND APPARATUS FOR PATH SELECTION AND  
                     WAVELENGTH ASSIGNMENT IN AN OPTICAL NETWORK

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## **AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

MS Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

### **INTRODUCTORY COMMENTS**

In response to the non-final Office Action dated November 3, 2004, please amend the above-identified U.S. patent application as follows:

### **AMENDMENTS TO THE DRAWINGS**

Applicant's have submitted more formalized drawings for all of the originally filed figures on seven replacement sheets attached hereto. The Examiner is requested to accept the revised drawings for FIG. 1, FIG. 2, FIG. 3, FIG. 4, FIG. 5, FIG. 5, FIG. 7A, FIG. 7B, FIG. 8A, FIG. 8B, AND FIG. 9. FIG. 1, FIG. 2, FIG. 3, FIG. 4, and FIG. 5. No modifications have been made to the content of the original drawings outside of formalization.

### **AMENDMENTS TO THE CLAIMS**

Cancel claims 1, 6, 7, 8 and 9.

Amend the remaining claims as follows:

2. (presently amended) [The] A method of [claim 1 wherein transforming comprises] determining a shortest path between a source node and a destination node in an optical network having plural network nodes interconnected with optical transmission links, the method comprising:

assigning an electronic node to each network node, the electronic node representing an electronic switching fabric interconnecting optical-electrical-optical (OEO) transmitters and receivers of the network node;

assigning optical channel nodes to each network node, each optical channel node representing an optical cross-connect for an optical channel available at the network node;